Amendment in Response to Office Action Mailed Feb. 22, 2007

Serial No. 10/527,122 April 23, 2007

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AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph on Page 7, lines 19 to 25, with the following amended

paragraph:

Figure [[4]] 4a illustrates a section view of a schematic arrangement for a hydraulically

driven two chamber reciprocating piston fuel pump for delivering fuel to the dispensers. Figure

4b illustrates a retraction stroke of the fuel pump wherein fuel is drawn through the fuel pump

inlet into a first chamber, and discharged from a second chamber. Figure 4c illustrates an

extension stroke of the fuel pump wherein the fuel pump inlet is closed and fuel is transferred from the first chamber to the second chamber from which fuel is discharged.

Please replace the paragraph on Page 7, lines 26 to 30, with the following amended

paragraph:

Figures [[5]] 5a through 5c illustrate[[s]] an embodiment of a fuel pump that employs a

dual hydraulic drive. Figure 5a shows the fuel pump with the fuel pump inlet end disposed

 $\underline{\text{within a sump.}} \ \ \text{Figure 5b shows how hydraulic fluid is directed to the smaller hydraulic cylinder}$

when liquefied gas is dispensed, and Figure 5c shows how hydraulic fluid is directed to the

larger hydraulic cylinder when compressed gas is dispensed.

Please replace the paragraph on Page 10, lines 32 to 34, with the following amended

paragraph:

Figures [[4 and 5]] 4a and 5a show two preferred embodiments of a fuel pump suitable

for the fuel pump units shown in Figures 1 through 3. The fuel pumps shown in Figures [[4 and

5]] 4a and 5a are capable of pumping both liquid and vapor.

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Please replace the paragraph on Page 10, lines 35 to 38, and Page 11, lines 1 to 4, with the following amended paragraph:

With reference now to Figure [[4]] 4a, fuel pump 400 is a two chamber hydraulically driven reciprocating piston fuel pump. Fuel pump 400 is preferably disposed within a sump (not shown), and fuel enters first chamber 410 through one-way inlet 405. A retraction stroke is shown in Figure 4b, where piston 430 is moving in the direction of arrow 435. One-way pass-through valve 415 is closed and fuel within second chamber 420 is pushed out through fuel pump discharge 425 by advancing piston 430.

Please replace the paragraph on Page 11, lines 15 to 22, with the following amended paragraph:

In the embodiment of [[Figure 4, and as shown in]] Figure 4a, a hydraulic drive 440 may be employed to drive the reciprocating motion of piston 430. The hydraulic drive operates in a known manner. That is, one chamber of the hydraulic drive is supplied with high-pressure hydraulic fluid, while hydraulic fluid is removed from the chamber on the opposite side of hydraulic piston 445. At the end of a piston stroke, the hydraulic fluid is supplied to the opposite side of hydraulic piston 445 to reverse piston movement and cause reciprocating motion. In the embodiment of Figure 4, hydraulic drive 440 comprises a single hydraulic cylinder.